Claims

1. A longitudinal folding device (18) with at least two hopper flanks (22, 23) and a paper deflection device (165, 155, 61, 62) enclosing it in a shell-like manner, characterized in that the paper deflection device (165, 155, 61, 62) is arranged electrically insulated against a machine frame and the longitudinal folding hopper (18, 41, 22, 23).

2. The longitudinal folding device (18) in accordance with claim 1, characterized in that the longitudinal folding hopper (18, 41, 22, 23) and the paper deflection device (165, 155, 61, 62) are connected with different polarities (⊕, ⊖) of a d.c. high tension source (149).

3. The longitudinal folding device (18) in accordance with claim 1, characterized in that the longitudinal folding hopper (18) has a hopper projection (24).

4. The longitudinal folding device (18) in accordance with claim 1, characterized in that the longitudinal folding device (18) has two rotatably arranged hopper folding rollers (26, 27), that the hopper folding rollers (26, 27) are seated electrically insulated against the machine frame.

5. A longitudinal folding device (18) with at least two hopper flanks (22, 23) and a paper deflection device (165, 155, 61, 62) enclosing it in a shell-like manner, characterized in that the paper deflection device (165, 155, 61, 62) in its entirety, or

a portion thereof, is connected with one or several vibrators or beaters (277).

6. The longitudinal folding device (18) in accordance with claim 6, characterized in that low-frequency or higher frequency vibrators or beaters (277) are provided.

7. The longitudinal folding device (18) in accordance with claim 6, characterized in that the paper deflection device (165, 155, 61, 62), or portions thereof, is fastened on a machine frame (118) by means of rocker elements (276).

8. The longitudinal folding device (18) in accordance with claim 6, characterized in that electric starter vibrators, or compressed air turbo-vibrators, or compressed air ball vibrators, or compressed air roller vibrators, or compressed air turbine vibrators, or flyweight vibrators with a pneumatic and hydraulic motor drive, or compressed air piston vibrators or compressed air interval beaters are provided.